

DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: MAMMALIAN SWEET TASTE RECEPTORS, the specification of which was filed on 10 August 2001 and which received U.S. Serial Number 09/927,315.

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
			Yes <input type="checkbox"/> No <input type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/302,898	3 July 2001

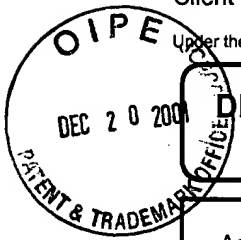
I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned
		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned
		<input type="checkbox"/> Patented <input type="checkbox"/> Pending <input type="checkbox"/> Abandoned

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) of the Government of the United States of America as represented by the Secretary of the Department of Health and Human Services, Office of Technology Transfer, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Robert Benson, Reg. No. 33,612
Steven M. Ferguson, Reg. No. 38,448
James C. Haight, Reg. No. 25,588
John P. Kim, Reg. No. 38,514

Susan S. Rucker, Reg. No. 35,762
David R. Sadowski, Reg. No. 32,808
Jack Spiegel, Reg. No. 34,477



DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 09/927,315 filed on August 10, 2001
- ☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including material information which became available between the filing date of the prior application and the National or PCT International filing date of the continuation-in-part application, if applicable; and

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)

Inventor 1 Charles S. Zuker Date: 10/31/01
Signature: [Signature] Citizen of: United States

Inventor 2 Gregory A. Nelson Date: 10/31/01
Signature: [Signature] Citizen of: United States

Inventor 3 Jayaram Chandrashekar Date: 10/31/01
Signature: [Signature] Citizen of: India

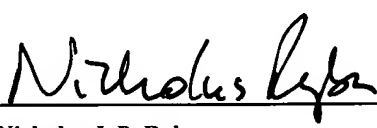
Inventor 4 Yifeng Zhang Date: 11/6/01
Signature: [Signature] Citizen of: China

☐ Additional inventors are being named on form(s) attached hereto.

Send Correspondence to Appointed Associate Attorney or Agent Address: Annette S. Parent TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, CA 94111-3834	Direct Telephone Calls and Facsimiles to Appointed Associate Attorney or Agent: Name: Annette S. Parent Reg. No.: 42,058 Telephone: 415/576-0200 Fax: 415/576-0300
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Full Name of Inventor 1	Last Name Ryba	First Name Nicholas	Middle Name or Initial J. P.	
Residence & Citizenship	City Bethesda	State/Foreign Country Maryland	Country of Citizenship GB	
Post Office Address	Post Office Address 6405 Crane Terrace	City Bethesda	State/Country Maryland	Zip Code 20817
Full Name of Inventor 2	Last Name Hoon	First Name Mark	Middle Name or Initial A.	
Residence & Citizenship	City Kensington	State/Foreign Country Maryland	Country of Citizenship GB	
Post Office Address	Post Office Address 4218 Warner Street	City Kensington	State/Country Maryland	Zip Code 20895

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, Section 1001 and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 	Signature of Inventor 2
Nicholas J. P. Ryba Date 10/29/01	Mark A. Hoon Date

DECLARATION AND POWER OF ATTORNEY

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My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: MAMMALIAN SWEET TASTE RECEPTORS, the specification of which was filed on 10 August 2001 and which received U.S. Serial Number 09/927,315.

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POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) of the Government of the United States of America as represented by the Secretary of the Department of Health and Human Services, Office of Technology Transfer, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

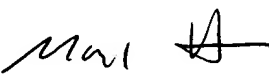
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Send Correspondence to Appointed Associate Attorney or Agent Address: Annette S. Parent TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, CA 94111-3834	Direct Telephone Calls and Facsimiles to Appointed Associate Attorney or Agent: Name: Annette S. Parent Reg. No.: 42,058 Telephone: 415/576-0200 Fax: 415/576-0300
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Full Name of Inventor 1	Last Name Ryba	First Name Nicholas	Middle Name or Initial J. P.	
Residence & Citizenship	City Bethesda	State/Foreign Country Maryland	Country of Citizenship GB	
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Full Name of Inventor 2	Last Name Hoon	First Name Mark	Middle Name or Initial A.	
Residence & Citizenship	City Kensington	State/Foreign Country Maryland	Country of Citizenship GB	
Post Office Address	Post Office Address 4218 Warner Street	City Kensington	State/Country Maryland	Zip Code 20895

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Signature of Inventor 1	Signature of Inventor 2
	
Nicholas J. P. Ryba	Mark A. Hoon
Date	Date 10/24/01

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Charles S. Zuker, Gregory A. Nelson, Jayaram Chandrashekar, and Yifeng Zhang

Application No./Patent No.: 09/927,315 Filed/Issue Date: August 10, 2001

Entitled: MAMMALIAN SWEET TASTE RECEPTORS

The Regents of the University of California, a University

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

December 10, 2001

Date

Linda S. Stevenson
Signature

Linda S. Stevenson

Typed or printed name

Manager, Patent Prosecution

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Charles S. Zuker of 4778 Thurston Place, San Diego, CA 92130; Gregory A. Nelson of 4852 Cape May, San Diego, CA 92107; Jayaram Chandrashekar of 7536 Charmant Drive, #1127, San Diego, CA 92122; Yifeng Zhang of 4083-D Miramar Street, La Jolla, CA 92037; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: MAMMALIAN SWEET TASTE RECEPTORS

Date(s) of execution of Declaration:

Filing Date: August 10, 2001

Application No.: 09/927,315; and

WHEREAS, The Regent of the University of California, a university of the state of California, located at Office of Technology Transfer, 1111 Franklin Street, 12th Floor, Oakland, CA, 94607-5200, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

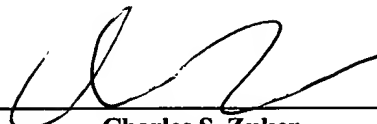
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

NOT FOR RECORDATION

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 10/31/01



Charles S. Zuker

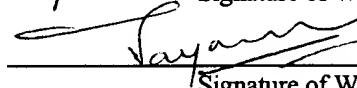
SIGNATURE WITNESSED BY:

(1) Date: 10/31/01



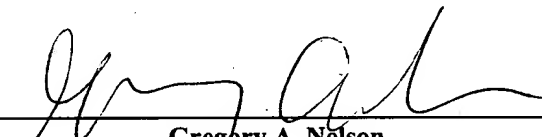
Signature of Witness 1

(2) Date: 10/31/01



Signature of Witness 2

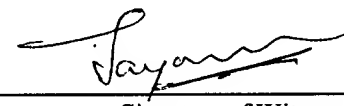
Dated: 10/31/01



Gregory A. Nelson

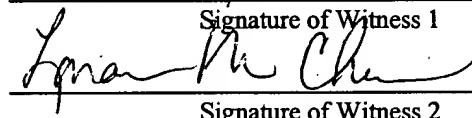
SIGNATURE WITNESSED BY:

(1) Date: 10/31/01



Signature of Witness 1

(2) Date: 10/31/01



Signature of Witness 2

Dated: 10/31/01



Jayaram Chandrashekar

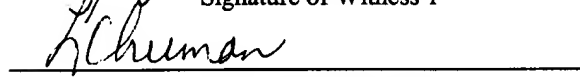
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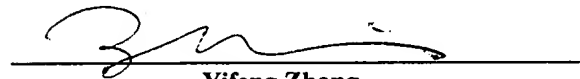
Signature of Witness 1

(2) Date: 10/31/01



Signature of Witness 2

Dated: 11/7/01



Yifeng Zhang

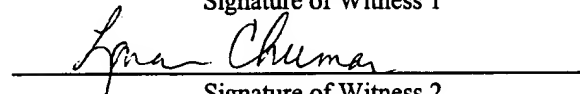
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(1) Date: 11/7/01



Signature of Witness 1

(2) Date: 11/7/01



Signature of Witness 2